

2020 Water Quality Based Limited Sources - Category 4B and 5E Waters

VPDES Permit	Stream Name	Parameter(s)	Outfall	Source	Cat	First Listing	Compliance Date	Details
Potomac River & Shenandoah River Basins								
VA0022322	Middle River X-trib	Ammonia-N	001	ACSA - Mt Sidney STP	4B	2018	10/31/2020	10/31/20 compliance schedule for Ammonia-N
VA0024422	East Hawksbill Creek UT	Ammonia-N (Jan-May), Ammonia N (Jun-Dec)	001	Shenandoah National Park - Skyland STP	4B	2016	11/1/2019	11/1/19 compliance schedule for Ammonia-N (Jan-May), Ammonia-N (Jun-Dec)
VA0026514	Williams Creek	TSS, TKN, TN, TP, Enterococcus	001	Dahlgren District WWTP	4B	2014	12/31/2024	Facility is under a Consent Order for TSS, TKN, TN, TP, and Enterococcus
VA0067938	Unnamed tributary to Limestone Branch	TSS, BOD5, Ammonia, DO	001	Piedmont Behavioral Health Center	4B	2020	3/15/2020	Facility is under a Consent Order for TSS, BOD5, Ammonia, and DO. Plant upgrade scheduled for 2/28/2020.
VA0067938	Unnamed tributary to Limestone Branch	TSS, BOD5, Ammonia, DO	002	Piedmont Behavioral Health Center	4B	2020	3/15/2020	Facility is under a Consent Order for TSS, BOD5, Ammonia, and DO. Plant upgrade scheduled for 2/28/2020.
VA0070106	Pine Hill Creek, UT	TKN, TSS, DO	001	Purkins Corner Wastewater Treatment Plant	4B	2020	10/31/2022	Facility is under a Consent Order for TKN, TSS, and DO
VA0089338	Rappahannock River	TP, E. Coli	001	Hopyard Farm Wastewater Treatment Facility	4B	2020	11/30/2023	Facility is under a Consent Order for TP and E. Coli
VA0089630	Accokeek Creek, UT	TP	001	Walk Residence Wastewater Treatment Plant	4B	2020	9/30/2023	Facility is under a Consent Order for TP
VA0090590	Back Creek UT	Whole Effluent Toxicity	006	UNIMIN Corporation	4B	2018	6/30/2020	6/30/20 compliance schedule for Whole Effluent Toxicity
VA0091995	Lake Anne (Colvin Run, UT)	Zinc	001	Reston Lake Anne Air Conditioning Corporation	4B	2020	5/8/2021	Facility has compliance schedule for zinc in permit effective 05/08/2017.
VA0092134	Potomac River	Ammonia, Fecal Coliform, Enterococcus, DO, TP	001	Fairview Beach Wastewater Treatment Plant	4B	2020	2/29/2024	Facility is under a Consent Order for Ammonia, Fecal Coliform, Enterococci, DO, TP
James River Basin								
VA0003646	Jackson River	Whole Effluent Toxicity - Chronic	003	MeadWestvaco of Virginia Corporation	5E	2014	6/12/2016	2020 Listing Basis: The water is the mixing zone for the WestRock of Virginia Corporation (VA0003646); Outfall 003. The schedule of compliance was removed in the 2017; however an NOV was issued in November 2018 for a violation of the Whole Effluent Toxicity (WET) chronic limit. 2018 Listing Basis: The water is the mixing zone for the WestRock of Virginia Corporation (VA0003646); Outfall 003. The schedule of compliance was removed in the 2017; however an NOV was issued in March 2017 for a violation of the Whole Effluent Toxicity (WET) chronic limit.
VA0004383	Southern Branch Elizabeth River	TR Zinc	013	BAE Systems Norfolk Ship Repair	4B	2016	1/1/2020	Schedule not met yet; due 1/1/2020.

2020 Water Quality Based Limited Sources - Category 4B and 5E Waters

VPDES Permit	Stream Name	Parameter(s)	Outfall	Source	Cat	First Listing	Compliance Date	Details
VA0004804	James River	TR Copper, TR Zinc	015	Huntington Ingalls Incorporated - 4B NN Shipbuilding Division	4B	2013	7/1/2017	Schedule date is met - 7/1/2017. However, no discharge since limit has become effective.
VA0004804	James River	Zinc	045	Huntington Ingalls Incorporated - 4B NN Shipbuilding Division	4B	2010	10/1/2011	Limit became effective on 10/16/11, however, the outfall has had no discharge since that date.
VA0004804	James River	TR Zinc	047	Huntington Ingalls Incorporated - 4B NN Shipbuilding Division	4B	2013	7/1/2017	Schedule date is met - 7/1/2017. However, no discharge since limit has become effective.
VA0004804	James River	TR Zinc	048	Huntington Ingalls Incorporated - 4B NN Shipbuilding Division	4B	2013	7/1/2017	Schedule date is met - 7/1/2017. However, no discharge since limit has become effective.
VA0004804	James River	TR Copper	094	Huntington Ingalls Incorporated - 4B NN Shipbuilding Division	4B	2013	7/1/2017	Schedule date is met - 7/1/2017. However, no discharge since limit has become effective.
VA0004804	James River	Zinc	094	Huntington Ingalls Incorporated - 4B NN Shipbuilding Division	4B	2010	10/1/2011	Limit became effective on 10/16/11, however, the outfall has had no discharge since that date.
VA0004804	James River	TR Copper, TR Zinc	112	Huntington Ingalls Incorporated - 4B NN Shipbuilding Division	4B	2013	7/1/2017	Schedule date is met - 7/1/2017. However, no discharge since limit has become effective.
VA0004804	James River	TR Zinc	160	Huntington Ingalls Incorporated - 4B NN Shipbuilding Division	4B	2013	7/1/2017	Schedule date is met - 7/1/2017. However, no discharge since limit has become effective.
VA0005819	Appomattox River, UT	Toxicity, Final, Chronic	004	Appomattox River Water Authority	4B	2018	4/30/2020	This should be OF004 not 002. Final Limit effective May 1, 2022. Interim limit=1.44 and they have one hit in the last 3 DMRs.
VA0005819	Lake Chesdin, UT	CL2, Total Residual	005	Appomattox River Water Authority	4B	2018	4/30/2020	Final Limit effective May 1, 2022. In compliance.
VA0021261	Glebe Creek, UT	Ammonia, as N	001	Ruthville Community Center WWTP	4B	2018	10/31/2022	Schedule of compliance ends 11/1/2020. They are currently meeting the limit.
VA0024147	North Creek	Total Recoverable Copper, Total Phosphorus	001	Fork Union Military Academy	4B	2020	7/31/2020	7/31/20 compliance schedule for Total Recoverable Copper and Total Phosphorus
VA0030767	Raccoon Creek UT	Ammonia-N (Dec-May), Ammonia-N (Jun-Nov)	001	Fluvanna County High School STP	4B	2020	10/1/2020	10/1/20 compliance schedule for Ammonia-N (Dec-May), Ammonia-N (Jun-Nov)
VA0031011	Pond Hollow	Ammonia-N (Dec-May), Ammonia-N (Jun-Nov)	001	Wintergreen Mountain STP	5E	2020	1/1/2023	1/1/23 compliance schedule for Ammonia-N (Dec-May), Ammonia-N (Jun-Nov)
VA0053813	Pescara Creek to Eastern Branch, Elizabeth R.	Copper, Zinc	004	Colonnas Shipyard, Inc.	4B	2006	8/19/2008	The 2016 permit does not allow discharge from Outfall 004. Outfall 004 was diverted to the WWTP, Outfall 009. The limit is no longer applicable at Outfall 004 since the start up of the WWTP in March of 2012. The current permit is monitoring the discharge from Outfall 009. At the next permit issuance a review of the copper and zinc data collected at Outfall 009 with any applicable mixing zones and / or limits will be done. Permit status remains as previous until next permit is issued.

2020 Water Quality Based Limited Sources - Category 4B and 5E Waters

VPDES Permit	Stream Name	Parameter(s)	Outfall	Source	Cat	First Listing	Compliance Date	Details
VA0059161	Bailey Creek	Copper, Total Recoverable	006	U.S. Army Garrison Fort Lee	4B	2016	10/31/2021	The compliance schedule ends 11/1/2020; so far all data has been <QL. All DMR results are below the final limit; only 1 detected result of 0.003 in 2018
VA0061646	Dark Swamp, UT	Ammonia	001	Town of Surry WWTP	5E	2006	11/30/2020	No exceedance of limits expires in 2020
VA0061646	Dark Swamp, UT	Copper	001	Town of Surry WWTP	5E	2004	11/30/2020	The permit was previously issued with a 2/1/04 compliance schedule for total recoverable copper. The limit is in effect and the facility has not been able to consistently meet the limits. The permit was reissued on 1/17/2006 with another compliance schedule for more stringent copper limits due Jan 17, 2010. The final limits for copper became effective on 12/1/2016 but the facility fails to meet these limits. No exceedance of limits expires in 2020
VA0061646	Dark Swamp, UT	E.coli	001	Town of Surry WWTP	5E	2018	11/30/2020	No exceedance of limits expires in 2020
VA0061646	Dark Swamp, UT	TKN (N-KJEL)	001	Town of Surry WWTP	5E	2018	11/30/2020	No exceedance of limits expires in 2020
VA0061646	Dark Swamp, UT	TSS	001	Town of Surry WWTP	5E	2018	11/30/2020	No exceedance of limits expires in 2020
VA0061646	Dark Swamp, UT	Zinc, Total Recoverable	001	Town of Surry WWTP	5E	2006	11/30/2020	No exceedance of limits expires in 2020
VA0063177	James River	Ammonia, as N (NH3-N)(Jun-Oct)	101	Richmond WWTP	4B	2018	9/30/2020	The limit is not yet effective but the facility expects that it will be capable of meeting the final ammonia (Jun-Oct) limitations. DMR data indicates current compliance with both interim and final limits.

2020 Water Quality Based Limited Sources - Category 4B and 5E Waters

VPDES Permit	Stream Name	Parameter(s)	Outfall	Source	Cat	First Listing	Compliance Date	Details
VA0072397	Catawba Cr., UT	Ammonia (NH3-N)	005	Roanoke Cement Company LLC	5E	2014	10/31/2014	<p>2020 Listing: The water is the mixing zone of the VPDES permitted Roanoke Cement Company LLC (VA0072397) outfall 005. The permit contains a water quality based effluent limit for ammonia (NH3-N) and a schedule of compliance to meet the ammonia limit by 9/1/2020.</p> <p>2018 Listing: The water is the mixing zone of the VPDES permitted Roanoke Cement Company LLC (VA0072397) outfall 005. The permit contains a water quality based effluent limit for ammonia (NH3-N) and a schedule of compliance to meet the ammonia limit by 9/1/2020.</p> <p>2016 Listing: The water is the mixing zone of the VPDES permitted Roanoke Cement Company LLC (VA0072397) outfall 005. The permit contains a water quality based effluent limit for ammonia (NH3-N) and a schedule of compliance to meet the ammonia limit by 10/31/2014.</p>
VA0072397	Catawba Cr., UT	Ammonia (NH3-N)	007	Roanoke Cement Company LLC	5E	2014	10/31/2014	<p>2020 Listing: The water is the mixing zone of the VPDES permitted Roanoke Cement Company LLC (VA0072397) outfall 005. The permit contains a water quality based effluent limit for ammonia (NH3-N) and a schedule of compliance to meet the ammonia limit by 9/1/2020.</p> <p>2018 Listing: The water is the mixing zone of the VPDES permitted Roanoke Cement Company LLC (VA0072397) outfall 005. The permit contains a water quality based effluent limit for ammonia (NH3-N) and a schedule of compliance to meet the ammonia limit by 9/1/2020.</p> <p>2016 Listing: The water is the mixing zone of the VPDES permitted Roanoke Cement Company LLC (VA0072397) outfall 005. The permit contains a water quality based effluent limit for ammonia (NH3-N) and a schedule of compliance to meet the ammonia limit by 10/31/2014.</p>

2020 Water Quality Based Limited Sources - Category 4B and 5E Waters

VPDES Permit	Stream Name	Parameter(s)	Outfall	Source	Cat	First Listing	Compliance Date	Details
VA0073091	Eastern Branch, Elizabeth River	Copper, Zinc	001	Metro Machine Corporation	4B	2006	8/2/2008	Permit was modified in 2015 for owner and facility name change (Metro Machine to General Dynamics NASSCO). Outfall 001 remains in the permit. Permittee desires to retain an ability to continue to direct discharge process wastewaters from drydock Outfall 001. DMRs (12/08) show violate both Cu & Zn; Semi-annual DMRs show No-Discharge. 2014 permit maintains permit limit for Cu & Zn at Outfall 001. Currently, the process wastewaters are collected from drydock and pumped to wastewater treatment facility.
VA0091821	Smith Creek	Total Recoverable Zinc	001	DOC-Augusta Correctional Center	4B	2020	7/1/2020	7/1/20 compliance schedule for Total Recoverable Copper
VA0092495	Eastern Branch, Elizabeth River	TSS	001	Lyon Shipyard Incorporated-Norfolk Facility	4B	2010	9/23/2013	TSS limit of 120 MG/L effective 9/23/13. No discharge since the limit has become effective.
Rappahannock River Basin								
VA0025127	Rappahannock River	TSS, TKN	001	Fredericksburg Wastewater Treatment Facility	4B	2020	8/31/2024	Facility is under a Consent Order for TSS and TKN
VA0060429	Rappahannock River	Ammonia, BOD5	001	Four Winds Campground	4B	2020	6/27/2016	Facility is under a Consent Order for ammonia and BOD5. Permit has been administratively continued and the Consent Order is still open.
VA0064726	Harpers Run, UT	Ammonia	001	Mary Walter Elementary School	4B	2020	12/31/2017	Facility is under a Consent Order for ammonia and failure to take BOD and TSS samples.
VA0086789	Muddy Creek, UT	TSS, TKN, CBOD5, Copper, DO, TP, TN	001	Oakland Park Sewage Treatment Plant	4B	2020	9/30/2022	Facility is under a Consent Order for TSS, TKN, CBOD5, Copper, DO, TP, TN
VA0087173	Broad Creek	Dissolved oxygen	001	Bay Marine, Ltd. STP	4B	2012	6/18/2016	The permit was issued 06/19/2012 with 4-year compliance schedules for dissolved oxygen. The permit was issued 06/19/2012 with 4-year compliance schedules for dissolved oxygen.
VA0087173	Broad Creek	Dissolved oxygen, ammonia, enterococci	001	Bay Marine, Ltd. STP	4B	2010		The permit was issued 12/21/2006 with 4-year compliance schedules for dissolved oxygen, ammonia, and enterococci. No data has been provided to determine compliance
VA0087718	Cabin Branch	Copper (WET), Zinc (WET)	001	D.O.C. Coffeewood Correctional Center	4B	2002	8/6/2003	An Executive Compliance Agreement, which covers the copper and zinc parameter, is still in place. The facility is involved in negotiations to connect to a neighboring wastewater treatment facility. NOTE: Erroneously excluded as 4B facility in 2016IR.

2020 Water Quality Based Limited Sources - Category 4B and 5E Waters

VPDES Permit	Stream Name	Parameter(s)	Outfall	Source	Cat	First Listing	Compliance Date	Details
VA0087718	Cabin Branch	Copper (WET), Zinc (WET)	002	D.O.C. Coffeewood Correctional Center	4B	2002	8/6/2003	An Executive Compliance Agreement, which covers the copper and zinc parameter, is still in place. The facility is involved in negotiations to connect to a neighboring wastewater treatment facility. NOTE: Erroneously excluded as 4B facility in 2016IR.
Roanoke/Yadkin River Basins								
VA0091669	Hunting Creek	Nickel (Ni), Copper (Cu), and Antimony (Sb)	001	Bedford County PSA - Moneta Regional WWTP	4B		6/17/2019	2020 Listing: The water is the mixing zone of the Bedford County PSA - Moneta Regional WWTP. The permit VA0091669 contains water quality based effluent limits for total recoverable Nickel (Ni), Copper (Cu), and Antimony (Sb). The facility is working with the enforcement section on a Consent Order which requires and upgrade to meet the Total Recoverable Ni, Cu, and Sb limits by 6/17/2019.
Chowan River and Dismal Swamp Basins								
VA0020184	Big Hounds Creek, UT	Copper	001	Victoria East Sewage Treatment Plant	4B	2016	7/1/2017	Final limits became effective on 3/1/2017 and the facility is not meeting the limits for copper. Of the last three DMRs, there was one copper excursion (occurred during October 2019). The facility is under a Consent Order for Copper; a BLM study (required by the Order) has been submitted & once the BLM is approved, the copper limitation is expected to be higher (BLM indicates a higher limit will still allow WQS to be maintained).
VA0027014	Flatrock Branch, UT	Ammonia	001	Brunswick County - Sturgeon Elementary School	5E	2010	5/9/2021	Permit issued 5/9/2017 with a 4 year compliance schedule for ammonia.
VA0059072	Fontaine Creek	pH	001	Georgia Pacific Wood Products LLC-Skippers	5E	2019	6/1/2017	Permit effective on 3/1/2019 with a 4 year compliance schedule for pH
VA0060526	UTRIB to Indian Creek to NW River	Total Recoverable Copper	001	VDOC - St Brides Correctional Center	5E	2020	5/1/2023	Schedule not met yet; due 5/1/2023.
VA0061310	Spring Branch	Copper, Total Recoverable	001	Sussex Service Authority's Spring Branch WWTF	4B	2017	5/31/2022	Interim monitoring shows they are meeting the final copper limit of 11.8
VA0061310	Spring Branch	pH	001	Sussex Service Authority's Spring Branch WWTF	4B	2017	5/31/2022	Interim monitoring shows they are meeting the final pH max limit of 8.0
VA0081213	Tommeheton Creek	Acute WET	901	Cox Wood of Virginia LLC	5E	2012	10/1/2013	
VA0090981	Galley Swamp, UT	pH	001	Iluka Resources, Inc. - Mineral Separation Plant	4B	2018	10/31/2022	Limit becomes final 12/1/2022. Final limit is 6-8 SU. Doesn't appear they will be in compliance.
VA0090981	Galley Swamp, UT	pH	004	Iluka Resources, Inc. - Mineral Separation Plant	4B	2018	10/31/2022	Limit becomes final 12/1/2022. Final limit is 6-8 SU. Doesn't appear they will be in compliance.
VA0092584	Jones Hole Swamp, UT	pH	001	Travelers Inn- Petersburg	4B	2018	9/30/2022	Interim limit. DMR data indicates compliance with final limit.

2020 Water Quality Based Limited Sources - Category 4B and 5E Waters

VPDES Permit	Stream Name	Parameter(s)	Outfall	Source	Cat	First Listing	Compliance Date	Details
Tennessee/Big Sandy River Basins								
VA0001015	Clinch River	Fe, Cu, Cl	003	American Electric Power - Clinch River Plant	5E	2017	5/1/2018	Fine was paid; increased monitoring on parameters. Order terminated outside data window.
VA0026808	North Fork Holston River	Discharge of untreated sewage	001	Town of Saltville, Saltville WWTP	5E	2016	3/9/2017	Schedule for collection system repairs completed. Order terminated outside data window
VA0061913	Pound River	TSS, CBOD5	001	Town of Pound, Pound WWTP	5E	2016	10/1/2019	All requirements not complete
VAG400502	Lester Fork	BOD5, TSSW, DO, CL2	001	Cumberland Plateau Regional Housing Authority - Hurley Heights I	5E	2017	10/5/2017	Fine was paid; power restored to package STP and placed under maintenance contract. Order terminated outside data window.
Chesapeake Bay/Atlantic/Small Coastal Basins								
VA0079928	Fisherman's Cove to Little Cr. Channel	Copper	006	U.S. Joint Expeditionary Base Little Creek	4B	2010	9/13/2013	The Zinc and Copper limit at Outfall 006 has been in effect since 9/13/2013. Outfall 006 was sealed and the process wastewater from the drydock activities now discharge to HRSD. Outfall 006 now only discharges stormwater in the 2015 permit. Data for copper and zinc provided during the permit application exceed the copper and zinc limits. Outfall 006 will remain in the 2015 permit as a precaution in case there is a need to discharge as requested by the Navy.
VA0079928	Fisherman's Cove to Little Cr. Channel	Zinc	006	U.S. Joint Expeditionary Base Little Creek	4B	2010	9/13/2013	The Zinc and Copper limit at Outfall 006 has been in effect since 9/13/2013. Outfall 006 was sealed and the process wastewater from the drydock activities now discharge to HRSD. Outfall 006 now only discharges stormwater in the 2015 permit. Data for copper and zinc provided during the permit application exceed the copper and zinc limits. Outfall 006 will remain in the 2015 permit as a precaution in case there is a need to discharge as requested by the Navy.
York River Basin								
VA0023914	Acquinton Creek, UT	pH	001	Hamilton Holmes Wastewater Treatment Plant	4B	2017	11/30/2019	Facility is currently meeting limit.
VA0090433	UT to Herrick Creek	Copper, Total Recoverable	001	Augusta Lumber Division, West Point	4B	2016	11/30/2020	4 year compliance schedule Interim limits. No discharge since 04/2017. DMR data for 01/10/2017 indicates compliance with final limit. 02/10/2017 and 03/10/2017 have censored data greater than the final limit.